

CLAIMS

What is claimed is:

1. An automotive vehicle roof system comprising:
 - a header;
 - a pair of side rails extending from the header;
 - a storage compartment;
 - a deck lid selectively covering the storage compartment;
 - a first roof panel movably coupled to the pair of side rails, the first roof panel being slidable from a closed and functional position adjacent the header to an opened position located in the storage compartment;
 - a back window movably coupled to the pair of side rails, the back window being movable from a closed and functional position to an opened position located in the storage compartment; and
 - a generally continuous seal extending along the header, one of the pair of side rails, the deck lid, and the other of the pair of side rails.

2. The automotive vehicle roof system according to Claim 1, further comprising:

a second roof panel movably coupled to the pair of side rails, the second roof panel being substantially rigid, separate from the first roof panel, and slidable from a closed position located between the first roof panel and the back window to an opened position located in the storage compartment; and

a seal member disposed between the first roof panel and the second roof panel for sealingly engaging the first roof panel and the second roof panel, the seal member having an integrally formed drain trough.

3. The automotive vehicle roof system according to Claim 1 wherein the generally continuous seal is substantially uniform in cross-section.

4. The automotive vehicle roof system according to Claim 1 wherein the generally continuous seal includes a double-bulb cross-section and integrally formed drain trough.

5. The automotive vehicle roof system according to Claim 1, further comprising:

at least one corner piece coupled at a corner of said generally continuous seal.

6. The automotive vehicle roof system according to Claim 5 wherein said at least one corner piece is a drain pocket.

7. An automotive vehicle roof system comprising:

- a header;
- a pair of side rails extending from the header;
- a storage compartment;
- a deck lid selectively covering the storage compartment;
- a roof panel movably coupled to the pair of side rails, the first roof panel being slidable from a closed and functional position adjacent the header to an opened position located in the storage compartment;
- a back window movably coupled to the pair of side rails, the back window being movable from a closed and functional position to an opened position located in the storage compartment; and
- a double-bulb seal extending along the header and the pair of side rails.

8. The automotive vehicle roof system according to Claim 7 wherein the double-bulb seal includes an integrally formed drain trough.

9. An automotive vehicle roof system for a vehicle, the automotive vehicle roof system comprising:

a first roof panel slidably mountable to the vehicle, the first roof panel being slidable from a closed position to an opened position;

a second roof panel slidably mountable to the vehicle, the second roof panel being slidable from a closed position to an opened position; and

a seal member disposed between the first roof panel and the second roof panel for sealingly engaging the first roof panel and the second roof panel, the seal member having at least a pair of integrally formed drain troughs.

10. The automotive vehicle roof system according to Claim 9 wherein said seal member is a double bulb seal.